

## WEST Search History

DATE: Sunday, April 18, 2004

<u>Hide?</u>	<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>
	<i>DB=PGPB,USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=OR</i>		
<input type="checkbox"/>	L7	l4 not l6	27
<input type="checkbox"/>	L6	L5 and (8a same carbon)	4
<input type="checkbox"/>	L5	L4 and 8a	15
<input type="checkbox"/>	L4	L3 and (polyketide adj synthase)	31
<input type="checkbox"/>	L3	L2 or l1	47
<input type="checkbox"/>	L2	monooxygenase same ((polyketide adj synthase) or PKS)	27
<input type="checkbox"/>	L1	oleP	26

END OF SEARCH HISTORY

09/991448  
STN Search Summary

=> d his

FILE 'CAPLUS' ENTERED AT 14:34:19 ON 18 APR 2004

L1 9 S OLEP  
L2 27 S MONOOXYGENASE (P) (POLYKETIDE (2W) SYNTHASE)  
L3 33 S L1 OR L2  
L4 27 S L3 AND (POLYKETIDE (2W) SYNTHASE)

L4 ANSWER 1 OF 27 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2004:15124 CAPLUS  
SO Protein Science (2004), 13(1), 255-268

L4 ANSWER 2 OF 27 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2003:835585 CAPLUS  
SO Development (Cambridge, United Kingdom) (2003), 130(19), 4587-4596

L4 ANSWER 3 OF 27 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2003:579474 CAPLUS  
SO Journal of Biological Chemistry (2003), 278(31), 28607-28611

L4 ANSWER 4 OF 27 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2003:103654 CAPLUS  
SO Phytochemistry (Elsevier) (2003), 62(6), 837-849FORMAT

L4 ANSWER 5 OF 27 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2002:558724 CAPLUS  
SO Gene (2002), 293(1-2), 115-122

L4 ANSWER 6 OF 27 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2002:552578 CAPLUS  
SO Biotechnology Progress (2002), 18(5), 913-920

L4 ANSWER 7 OF 27 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2002:290042 CAPLUS  
SO Journal of Biological Chemistry (2002), 277(15), 13082-13090

L4 ANSWER 8 OF 27 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2001:929603 CAPLUS  
SO Antonie van Leeuwenhoek (2001), 79(3-4), 235-245

L4 ANSWER 9 OF 27 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2001:864570 CAPLUS  
SO Fungal Genetics and Biology (2001), 34(3), 155-165

L4 ANSWER 10 OF 27 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2001:761732 CAPLUS  
SO Journal of Industrial Microbiology & Biotechnology (2001), 27(3), 170-176

L4 ANSWER 11 OF 27 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2001:505089 CAPLUS  
SO Chemistry & Biology (2001), 8(7), 635-644

L4 ANSWER 12 OF 27 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2001:158443 CAPLUS  
SO Journal of Antibiotics (2001), 54(2), 144-148

L4 ANSWER 13 OF 27 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2001:51336 CAPLUS  
 TI Cloning, sequencing and analysis of the enterocin biosynthesis gene cluster from the marine isolate "Streptomyces maritimus": evidence for the derailment of an aromatic polyketide synthase  
 AU Piel, Jorn; Hertweck, Christian; Shipley, Paul R.; Hunt, Deanna M.; Newman, Mark S.; Moore, Bradley S.  
 SO Chemistry & Biology (2000), 7(12), 943-955

L4 ANSWER 14 OF 27 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2000:900821 CAPLUS  
 TI Genes encoding enzymes in the biosynthesis of pimarinic acid in Streptomyces natalensis and the application for new biosynthetic molecules  
 IN Martin, Juan Francisco; Aparicio, Jesus F.; Colina, Angel Jose  
 SO PCT Int. Appl., 115 pp.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000077222	A1	20001221	WO 2000-EP6227	20000614
	EP 1185668	A1	20020313	EP 2000-938825	20000614
PRAI	EP 1999-201893	A	19990614		
	WO 2000-EP6227	W	20000614		

L4 ANSWER 15 OF 27 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2000:373086 CAPLUS  
 TI Cloning, characterization and heterologous expression of a polyketide synthase and P-450 oxidase involved in the biosynthesis of the antibiotic oleandomycin  
 AU Shah, Sanjay; Xue, Qun; Tang, Li; Carney, John R.; Betlach, Mary; McDaniel, Robert  
 SO Journal of Antibiotics (2000), 53(5), 502-508

L4 ANSWER 16 OF 27 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2000:9540 CAPLUS  
 TI New lessons for combinatorial biosynthesis from myxobacteria. The myxothiazol biosynthetic gene cluster of Stigmatella aurantiaca DW4/3-1  
 AU Silakowski, Barbara; Schairer, Hans Ulrich; Ehret, Heidi; Kunze, Brigitte; Weinig, Stefan; Nordsiek, Gabriele; Brandt, Petra; Blocker, Helmut; Hofle, Gerhard; Beyer, Stefan; Muller, Rolf  
 SO Journal of Biological Chemistry (1999), 274(52), 37391-37399

L4 ANSWER 17 OF 27 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1999:764178 CAPLUS  
 TI Sequence and recombinant narbonolide polyketide synthase applications from Streptomyces venezuelae for creation of useful antibiotics  
 IN Ashley, Gary; Betlach, Melanie C.; Betlach, Mary; McDaniel, Robert; Tang, Li  
 PA Kosan Biosciences, Inc., USA  
 SO PCT Int. Appl., 98 pp.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9961599	A2	19991202	WO 1999-US11814	19990527
	WO 9961599	A3	20000127		
	US 6503741	B1	20030107	US 1998-141908	19980828
	CA 2328427	AA	19991202	CA 1999-2328427	19990527
	AU 9942137	A1	19991213	AU 1999-42137	19990527
	AU 762399	B2	20030626		

	EP 1082439	A2	20010314	EP 1999-925954	19990527
	JP 2002516090	T2	20020604	JP 2000-550984	19990527
	NZ 509006	A	20030926	NZ 1999-509006	19990527
	AU 769288	B2	20040122	AU 2001-57805	20010803
PRAI	US 1998-87080P	P	19980528		
	US 1998-141908	A	19980828		
	US 1998-100880P	P	19980922		
	US 1999-119139P	P	19990208		
	AU 1998-71722	A3	19980430		
	WO 1999-US11814	W	19990527		
L4	ANSWER 18 OF 27 CAPLUS COPYRIGHT 2004 ACS on STN				
AN	1998:765254 CAPLUS				
TI	Analysis of a <i>Streptomyces antibioticus</i> chromosomal region involved in oleandomycin biosynthesis, which encodes two glycosyltransferases responsible for glycosylation of the macrolactone ring				
AU	Olano, C.; Rodriguez, A. M.; Michel, J. M.; Mendez, C.; Raynal, M. C.; Salas, J. A.				
SO	Molecular & General Genetics (1998), 259(3), 299-308				
L4	ANSWER 19 OF 27 CAPLUS COPYRIGHT 2004 ACS on STN				
AN	1998:624768 CAPLUS				
TI	Characterization of the macrolide P-450 hydroxylase from <i>Streptomyces venezuelae</i> which converts narbomycin to picromycin				
AU	Betlach, Melanie C.; Kealey, James T.; Betlach, Mary C.; Ashley, Gary W.; McDaniel, Robert				
SO	Biochemistry (1998), 37(42), 14937-14942				
L4	ANSWER 20 OF 27 CAPLUS COPYRIGHT 2004 ACS on STN				
AN	1997:510207 CAPLUS				
TI	Effect of the Daunorubicin dpsH Gene on the Choice of Starter Unit and Cyclization Pattern Reveals That Type II Polyketide Synthases Can Be Unfaithful yet Intriguing				
AU	Gerlitz, Martin; Meurer, Guido; Wendt-Pienkowski, Evelyn; Madduri, Krishnamurthy; Hutchinson, C. Richard				
SO	Journal of the American Chemical Society (1997), 119(31), 7392-7393				
L4	ANSWER 21 OF 27 CAPLUS COPYRIGHT 2004 ACS on STN				
AN	1997:53434 CAPLUS				
TI	Secondary metabolites by chemical screening. Part 34. Aspinolides and aspinonene/aspyrone co-metabolites, new pentaketides produced by <i>Aspergillus ochraceus</i>				
AU	Fuchser, Jens; Zeeck, Axel				
SO	Liebigs Annalen/Recueil (1997), (1), 87-95				
L4	ANSWER 22 OF 27 CAPLUS COPYRIGHT 2004 ACS on STN				
AN	1996:142742 CAPLUS				
TI	Organization of the biosynthetic gene cluster for rapamycin in <i>Streptomyces hygroscopicus</i> : analysis of genes flanking the polyketide synthase				
AU	Molnar, Istvan; Aparicio, Jesus F.; Haydock, Stephen F.; Khaw, Lake Ee; Schwecke, Torsten; Koenig, Ariane; Staunton, James; Leadlay, Peter F.				
SO	Gene (1996), 169(1), 1-7				

L4 ANSWER 23 OF 27 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1996:123412 CAPLUS  
 TI Twenty-five coregulated transcripts define a sterigmatocystin gene cluster in *Aspergillus nidulans*  
 AU Brown, D. W.; Yu, J.-H.; Kelkar, H. S.; Fernandes, M.; Nesbitt, T. C.; Keller, N. P.; Adams, T. H.; Leonard, T. J.  
 SO Proceedings of the National Academy of Sciences of the United States of America (1996), 93(4), 1418-22

L4 ANSWER 24 OF 27 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1996:63400 CAPLUS  
 TI Daunomycin Biosynthesis genes of *Streptomyces* sp. strain C5  
 AU Strohl, William R.; Ye, Jingsong; Dickens, Michael L.  
 SO Biotekhnologiya (1995), (7-8), 45-54  
 DT Journal; General Review

L4 ANSWER 25 OF 27 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1995:745902 CAPLUS  
 TI Sterigmatocystin biosynthesis in *Aspergillus nidulans* requires a novel type I polyketide synthase  
 AU Yu, Jae-Hyuk; Leonard, Thomas J.  
 SO Journal of Bacteriology (1995), 177(16), 4792-800

L4 ANSWER 26 OF 27 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1995:448846 CAPLUS  
 TI A cytochrome P450-like gene possibly involved in oleandomycin biosynthesis by *Streptomyces antibioticus*  
 AU Rodriguez, Ana Maria; Olano, Carlos; Mendez, Carmen; Hutchinson, C. Richard; Salas, Jose A.  
 SO FEMS Microbiology Letters (1995), 127(1-2), 117-20

L4 ANSWER 27 OF 27 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1994:128414 CAPLUS  
 TI The tcmVI region of the tetracenomycin C biosynthetic gene cluster of *Streptomyces glaucescens* encodes the tetracenomycin F1 monooxygenase, tetracenomycin F2 cyclase, and, most likely, a second cyclase  
 AU Summers, Richard G.; Wendt-Pienkowski, Evelyn; Motamedi, Haideh; Hutchinson, C. R.  
 SO Journal of Bacteriology (1993), 175(23), 7571-80